

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
OFFICE OF THE STATE FIRE MARSHAL  
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM  
**LISTING SERVICE**



**LISTING No.** 7170-0559:135

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**CATEGORY:** Control Unit (High-Rise)

**LISTEE:** Silent Knight Security, 7550 Meridian Circle, Maple Grove, MN 55369  
Contact: Michael McIsaac (763) 493-6400 FAX (763) 391-5464

**DESIGN:** Models 5820, \*5820XL, \*IFP-1000 Fire Alarm Control Units. Power limited, automatic, manual, local, remote station, central station, waterflow, water releasing and sprinkler supervisory service. Refer to listee's data sheet for additional detailed product description and operational considerations. System components:

5820, 5820XL, IFP-1000	Control Units
*058200P	Motherboard
5815/5815XL	Analog Loop Expander
7628	EOL Resistor
Intelliknight 5820	Enclosure
5860/5860R/RA-1000	Annunciator
5496	Power Module
5824	Serial/Parallel Interface
5895/5895XL/RPS-1000	Power Expander/Supply
5865-3/5965-4	LED Annunciator
5880	LED IO Module
5883	Relay Interface Board
SD500-ANM	Addressable Notification Module
SD500-LIM	Line Isolation Module
SD505-6IB	Isolation Base
SD-500 SDM	Smoke Detector Module
RA-100	Remote
3158	Reverse Polarity Module
5220	Direct Connect Module
*122365	Enclosure
*AB-33	Battery Cabinet
*5897, *5898	Power Supplies
*058601	User Interface

**RATING:** 120 VAC Primary, 24 VDC Secondary

**INSTALLATION:** In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

**MARKING:** Listee's name, model number, electrical rating, and UL label.

**APPROVAL:**

Listed as control units for use in high-rise structures when used in conjunction with Model SKE-360 Voice-Tone Evacuation Unit (CSFM Listing No. 6912-0559:122); EVAX Audio Adjunct System Models EVAX-25 (CSFM Listing No. 06911-1446:100), EVAX-50 or EVAX-50E (CSFM Listing No. 06911-1446:102); EVX-2ZA or EVX-4Z Zone Splitters (CSFM Listing No. 06912-1446:101); HMX-MP or HMX-DP Voice Evacuation System (CSFM Listing No. 06911-1446:103), two-way firefighter telephone and separately listed electrically and functionally compatible initiating and indicating devices.

Also suitable for non-high-rise applications where the voice evacuation and two-way firefighter telephone are not required. Refer to listee's Installation Instruction Manual for details.

These control units can generate a distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 2002 Edition.

This control unit meets the requirements of UL-864, 9<sup>th</sup> Edition Standards.

**NOTE:**

For **Fire Alarm Verification Feature** (delay of fire alarm signal), the maximum Retard/Reset/Restart period shall not exceed 30 seconds.

Rev. 08-17-2006 jw



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 6, 2008**

*Listing Expires **June 30, 2009***

Authorized By: **BEN HO, Chief**  
*Fire Engineering Division*